1. [0,1,2,3,4,5,6,7,8,9,10,11,12,13,14,15]  
   [0,1,4,6,12,14,2,8,3,7,9,10,13,5,11,15]  
   [15,14,0,1,12,6,4,2,8,13,3,7,9,10,11,5]
2. [1,1,2,3,1,4,1,3,2,3,3,4,1,3,1,0]
3. *A*$,$*A*,*AA*,*GA*,*TA*,*TA*,*GA*,*AC*,*GC*,*CG*,*AG*,*CG*,*GG*,*AG*,*AT*,*GT*
4. [14,0,1,6,12,4,2,8,3,13,7,9,10,5,11,15]  
   [15,14,0,1,12,6,4,2,8,13,3,7,9,10,11,5]  
   [15,14,0,1,6,12,4,2,8,3,13,7,9,10,5,11]
5. [2,3,6,7,5,11,4,8,6,9,10,11,4,7,1,0]
6. [1,1,2,3,1,4,1,3,2,3,3,4,1,3,1,0]  
   [15,14,0,1,12,6,4,2,8,13,3,7,9,10,11,5]